

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Previously Presented) A method of adjusting transmit times at the radio interface between a network and at least one mobile station in mobile radio system, the method comprising:

generating at said mobile station an adjustment command for adjusting said transmit times; and

performing adjustments of said transmit times at said mobile station based on said adjustment command, wherein said adjustment command is controlled based on adjustment control information received from said network so that said adjustments performed by said mobile station are controlled by said network.

2. (Previously Presented) The method of claim 1, wherein said adjustment control information comprises a command for activating or deactivating said adjustments.

3. (Previously Presented) The method of claim 1, wherein said adjustment control information comprises a maximum amplitude command.

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4. (Previously Presented) The method of claim 1, wherein said adjustment control information comprises a maximum frequency command.

5. (Previously Presented) The method of claim 1, wherein said adjustment control information comprises a maximum amplitude command and a maximum frequency command.

6. (Previously Presented) The method of claim 5, wherein said maximum amplitude command provides for a null amplitude corresponding to deactivation of said adjustments.

7. (Previously Presented) The method of claim 1, wherein said adjustment control information is broadcast on a common signaling channel.

8. (Previously Presented) The method of claim 1, wherein said adjustment control information is transmitted over a dedicated signaling channel.

9. (Previously Presented) The method claimed in claim 8, wherein said adjustment control information is transmitted in a "soft handover" message on a dedicated signaling channel.

10. (Canceled).

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11. (Previously Presented) A mobile radio network entity configured to generate adjustment control information, wherein said adjustment control information is transmitted to a mobile station which generates an adjustment command for adjusting transmit times, said adjustment command generated at said mobile station being controlled based on said adjustment control information so that adjustments performed by said mobile station are controlled by said network entity.

12. (Previously Presented) A mobile station comprising:
means for generating an adjustment command for adjusting transmit times; and
means for performing adjustments of said transmit times based on said adjustment command, wherein said adjustment command is controlled based on adjustment control information received from said network so that said adjustments are controlled by said network.

13. (Canceled).

14. (Previously Presented) The method of claim 1, further comprising:
transmitting adjustment request information from the mobile station to the network.

15. (Previously Presented) The method of claim 14, further comprising:
generating an adjustment command information at the network based on the adjustment request information; and

adjusting the transmit times at the network based on said adjustment command information generated at the network.

16. (Previously Presented) The method of claim 15, further comprising:
generating said adjustment command information at a first network entity,
transmitting said generated adjustment command information from said first network entity to a second network entity, and
adjusting the transmit times at the network, at said second network entity.

17. (Previously Presented) The method of claim 1, further comprising adjusting transmit times at said network based on adjustment requests received from said mobile station.

18. (Previously Presented) The mobile station of claim 12, further comprising:
means for generating adjustment request information to be transmitted to said network.

19. (Previously Presented) The mobile radio network entity of claim 11, further comprising:
means for generating an adjustment command information for adjusting transmit times at the network based on an adjustment request information received from a mobile station.

20. (Currently Amended) A mobile radio network entity comprising:

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means for receiving an adjustment command information generated at the network based on an adjustment request information received from a mobile station, based on a difference between times of reception and transmission by said mobile station; and

means for adjusting transmit times at the network based on said received adjustment command information.

21. (Previously Presented) The method of claim 1, wherein said adjustment command is generated in a way as to optimize the reaction time of an inner power control loop.

22. (Previously Presented) The method of claim 1, further comprising:
determining at the mobile station whether a difference between reception times at the mobile station and transmission times at the mobile station is within a predetermined range; and
generating said adjustment command if the difference is outside of the predetermined range.

23. (Previously Presented) The method of claim 14, wherein said adjustment request information is generated in a way as to optimize the reaction time of an inner power control loop.

24. (Previously Presented) The method of claim 14, further comprising:
determining at the mobile station whether a difference between reception times at the mobile station and transmission times at the mobile station is within a predetermined range; and

transmitting adjustment request information from the mobile station to the network if the difference is outside of the predetermined range.

25. (Previously Presented) The mobile station of claim 12, wherein said means for generating an adjustment command comprises:

means for determining at the mobile station whether a difference between reception times at the mobile station and transmission times at the mobile station is within a predetermined range; and

means for generating said adjustment command if the difference is outside of the predetermined range.

26. (Previously Presented) The mobile station of claim 18, wherein said means for generating adjustment request information comprises:

means for determining at the mobile station whether a difference between reception times at the mobile station and transmission times at the mobile station is within a predetermined range;

means for generating said adjustment request information if the difference is outside of the predetermined range.